

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



A standard linear barcode is located at the bottom of the page, spanning most of the width. It is used for document tracking and identification.

**(43) International Publication Date
8 March 2001 (08.03.2001)**

PCT

(10) International Publication Number
WO 01/16931 A1

(51) International Patent Classification⁷: G10H 1/00,
H04H 1/00

HÄMÄLÄINEN, Matti [FI/FI]; Kanavatie 3, FIN-37500 Lempäälä (FI). WILLIAMS, David, P. [GB/GB]; 2 New Barn Lane, Alton, Hampshire GU34 2RU (GB). AALTONEN, Janne [FI/FI]; Hirvikoirankatu 15, FIN-20900 Turku (FI). IKONEN, Ari [FI/FI]; Kaivokuja 12, FIN-21280 Raisio (FI).

(21) International Application Number: PCT/FI00/00737

(74) Agent: BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (FI).

(26) Publication Language: English

(81) Designated States (national): CN, JP, US

(30) Priority Data: 19991865 1 September 1999 (01.09.1999) FI

(84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

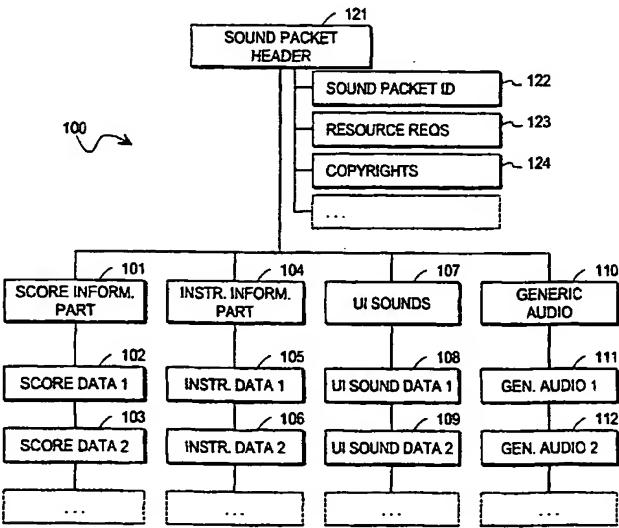
(71) **Applicant (for all designated States except US): NOKIA OYJ [FI/FI]; Nokia-talo, Keilalahdentie 4, FIN-02150 Espoo (FI).**

Published:

— *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND ARRANGEMENT FOR PROVIDING CUSTOMIZED AUDIO CHARACTERISTICS TO CELLULAR TERMINALS



(57) Abstract: A method is provided for downloading audio characteristics to terminal equipment. A score information part (101, 302, 303) is provided describing the presentation instructions of an audible signal. An instrument information part (104, 305, 306) is also provided describing the parameters for synthesizing an audible signal the presentation instructions of which is described by said score information part. Additionally some compatibility information (123, 210, 211, 212, 220, 315) is provided describing the compatibility of said score information part and said instrument information part with certain processing and storing capacity. As a response to a selection command (411, 418), (412, 419) said score information part and said instrument information part are downloaded to terminal equipment through a communication network.

WO01/16931 A1